

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000162

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C271/28 C07C233/43 A61P25/08 A61K31/167 A61K31/325

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A61P A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 369 420 A (AVENTIS PHARMA DEUTSCHLAND G.M.B.H., GERMANY; AJINOMOTO CO., INC.) 10 December 2003 (2003-12-10) see paragraph '0095! on page 18	1-3,5,6, 9,10,14, 15,17
A	WO 02/18318 A (WELLA AKTIENGESELLSCHAFT, GERMANY) 7 March 2002 (2002-03-07) Claims 1, 5 and page 5, lines 14-15; page 15, paragraph c; page 21, paragraph n,	1-24
A	WO 00/39118 A (ELI LILLY AND CO., USA; KYLE, JEFFREY, ALAN; ET AL.) 6 July 2000 (2000-07-06) example 94	1-3,5,6, 9,10,13, 14,17
A	EP 0 515 684 A (CHUGAI PHARMACEUTICAL CO., LTD., JAPAN) 2 December 1992 (1992-12-02) see compound 62 (page 44)	1-24
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

2 July 2004

Date of mailing of the international search report

20/07/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 386 452 A (BASF A.-G., GERMANY) 12 September 1990 (1990-09-12) see compounds 72 and 116	1-3,5,6, 9,10, 13-15,17
A	PORRETTA, GIULIO CESARE ET AL: "Research on antibacterial and antifungal agents. II. Synthesis and antifungal activity of new (1H-imidazol-1-ylmethyl)benzenamine derivatives" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol. 23, no. 4, 1988, pages 311-317, XP002286080 compound 11e (page 315)	1-24
X	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SCALZO, M. ET AL: "Studies on substances with antibacterial and antifungal activity. I. Synthesis and microbiological activity of imidazolylmethylaniline derivatives" XP002286084 retrieved from STN Database accession no. 1986:221893 RN: 102432-72-4 and 102432-79-1 abstract & FARMACO, EDIZIONE SCIENTIFICA, vol. 41, no. 4, 1986, pages 292-307, XP009032497 compounds XX (f) and XXII (f) page 297	1-3,5,6, 9,10,13, 14
A	MEYER, WALTER E. ET AL: "N2-(4-Substituted-2,6-dichlorophenyl)-N1, N1-dimethylformamides as antihypertensive and diuretic agents" JOURNAL OF MEDICINAL CHEMISTRY, vol. 27, no. 12, 1984, pages 1705-1710, XP002286081 compound 8c, Table IV, page 1709	1-24
A	DAVOLL, JOHN ET AL: "Antimalarial drugs. 24. Folate antagonists. 2. 2,4-Diamino-6-{[aralkyl and (heterocyclic)methylamino]quinazolines, a novel class of antimetabolites of interest in drug-resistant malaria and Chagas' disease" JOURNAL OF MEDICINAL CHEMISTRY, vol. 15, no. 8, 1972, pages 812-826, XP002286082 compound 38, Table II, page 814	1-24

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/09612 A (DRESDEN ARZNEIMITTEL) 8 February 2001 (2001-02-08) see the whole document -----	1-24
A	J. K. SEYDEL ET AL: "Synthesis and Quantitative Structure-Activity Relationships of Anticonvulsant 2,3,6-Triaminopyridines" J. MED. CHEM., vol. 37, no. 19, 1994, pages 3016-3022, XP002286083 see compound 9, table I, page 3018 -----	1-24
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002286108 Database accession no. 6440745, 6442496 , 6444607 abstract & LITVINENKO, L ET AL: DOKL. CHEM 259, 1981, pages 317-320, -----	1-3,5,6, 10,14,15

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 18-24 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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